

DIMENSIONS:

T = 8 inches if V is less than 8 feet.

T = 10 inches if V is 8 feet or more.

V = 5.25 feet unless otherwise specified.

W = As specified on plan (Bfoot min.)

D = As specified on plan (45 inch min.)

A = D plus 12 inches (38 inches min.)

CONCRETE:

Concrete shall be Class 560-c-3250.

REINFORCING STEEL shall be No. 3 bars unless otherwise specified. Clearance shall be 1 1/2 inches

from bottom of slab.

STEPS:

 $rac{3}{4}$ inch $\,$ plain round galvanized steel steps with drop step (17 inches apart) required when V is greater than 4 feet 6 inches. The top step shall be 6 inches below the surface and shall be 21/3 inches from the wall. Only one step (12 inches from bottom) if V is 4 feet 6 inches or less. Step shall be anchored not less than 4 inches in wall of

basin.

SUPPORT BOLT: For details see Standard Drawing No. 402.

TRANSITION: For details see Standard Drawing No. 404.

FLOOR of basin shall be given a steel trowel finish and shall slope from all directions to the outlet.

SURFACE of all exposed concrete shall conform in slope, grade, color, finish and scoring to existing or proposed curb and walk adjacent to the basin.

CURVATURE of the lip and sidewalls at gutter openings shall be formed by curved forms and shall not be made by plastering.

MANHOLE shall be placed along back wall near outlet.

OUTLET pipe shall be trimmed to the final shape and length before concrete is poured.

| APPROVED FULL WORKS DIRECTOR - R.C.E. 18793 | | | | CITY OF RIVERSIDE PUBLIC WORKS DEPT ENGINEERING DIV. |
|---|-----------|-------|------|--|
| | | | | STORM WATER CATCH BASIN TYPE 2 |
| MARK | REVISIONS | APPR. | DATE | STANDARD DRAWING NO. 401 |